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# PHOTOGRAPHIC INTERPRETATION REPORT



## VITAL RECORDS COPY MODIFIED AND NEW NORTH KOREAN NAVAL UNITS

NPIC/R-36/67  
MARCH 1967

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AUTOMATIC DOWNGRADING  
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### INTRODUCTION

A more heavily armed and modified S.O.1-type PGM, a P-6-type PGM, and a new class of YP have been identified on newly-received photography of North Korean naval combatants operating in the West Sea Fleet. The photography was taken in the vicinity of Haeju, North Korea (38-02N 125-42E), between [REDACTED] 1/

No attempt has been made by NPIC to evaluate the engineering data presented in Reference 1. The following data is from a photo-derived analysis of these previously unreported types/configurations.

### DESCRIPTION

S.O.1-type PGM. Figure 1 shows a standard Soviet S.O.1-class SC similar to those operated

by the North Korean Navy in the East Sea Fleet. 2/

Figure 2 shows the modified S.O.1-type PGM first observed on aerial photography in [REDACTED] at the Cho-do Naval Base (38-32N 124-52E). The vessel was identified on ground photography of [REDACTED] 3/

This unit differs from conventional units mainly in its armament. The MBU 1800 rocket launchers have been replaced by a probable 3.35 inch (85mm)/52 caliber dual-purpose forward main mount; 2 probable 37mm main mounts are installed in place of the original 2 twin-barrel 25mm weapons; 2 light-caliber mounts are installed atop the after deckhouse; and the depth charge racks have been removed.

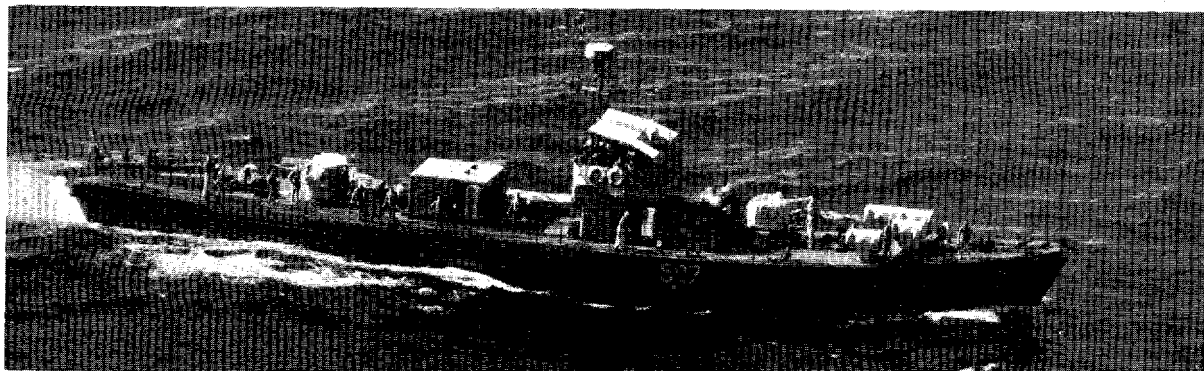


FIGURE 1. STANDARD S.O.1-CLASS SC.

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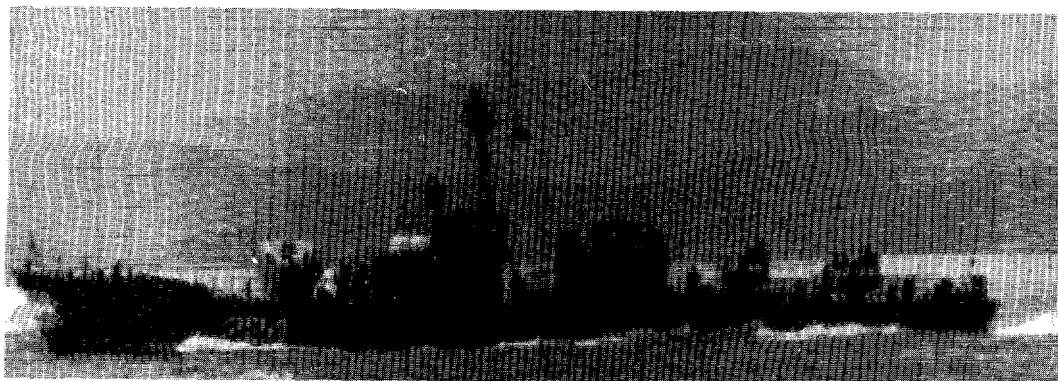


FIGURE 2. MODIFIED S.O.1-CLASS PGM.

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The vessel in Figure 3 is essentially the same as the one in Figure 2 with one exception.

PTF. No torpedo tubes are installed on the PGM.

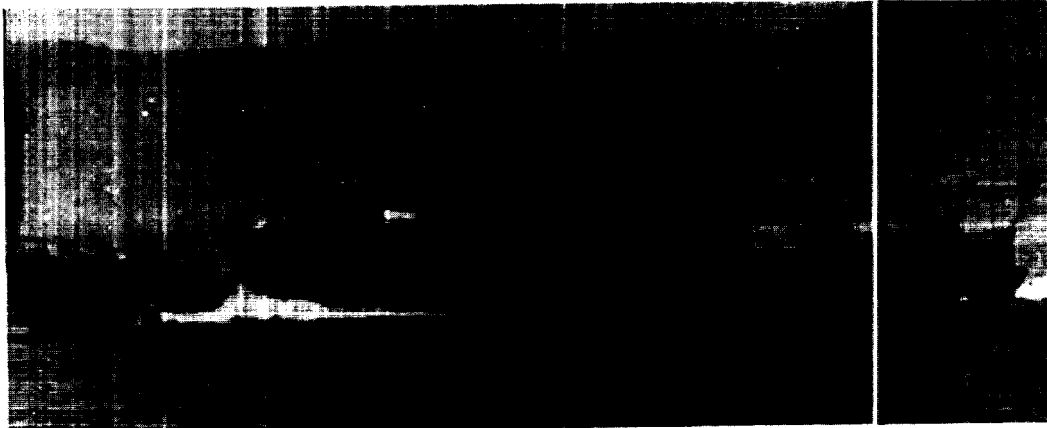


FIGURE 3. MODIFIED S.O.1-CLASS PGM.

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A third probable 37mm main mount has been installed near the stern.

P-6-type PGM. Figure 4 shows a Chinese Communist P-6-class PT in its normal configuration. 4/

Figure 5 shows the North Korean modification, a P-6-type PGM. It differs from the standard version by having a 37mm mount in place of the original dual 25mm installation, a second 37mm mount positioned aft, and 2 athwartship 25mm mounts, making the armament identical to that of the 130-ft Shanghai-class

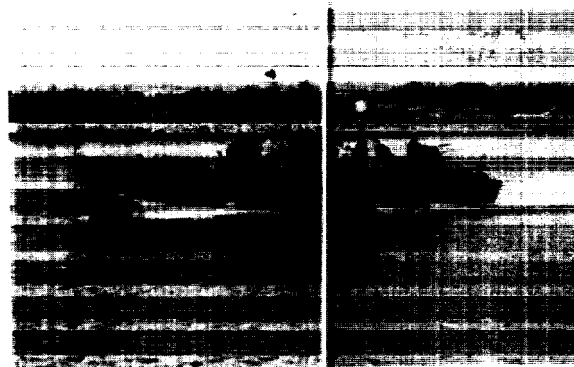


FIGURE 4. STANDARD P-6-CLASS PT.

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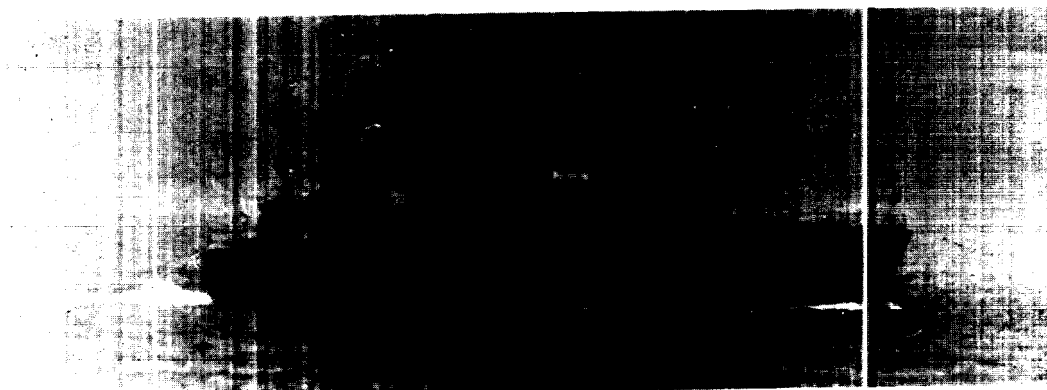
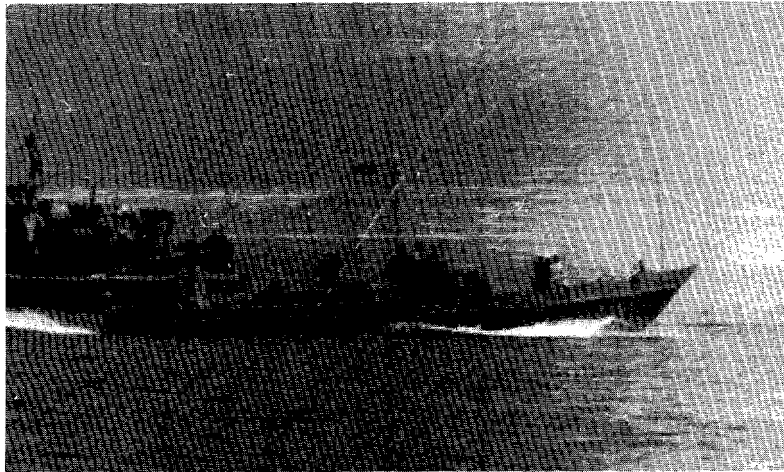


FIGURE 5. MODIFIED P-6-TYPE PGM.

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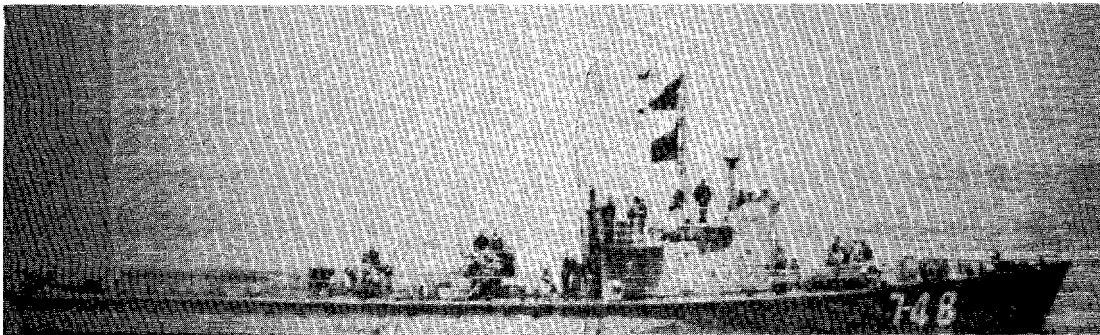
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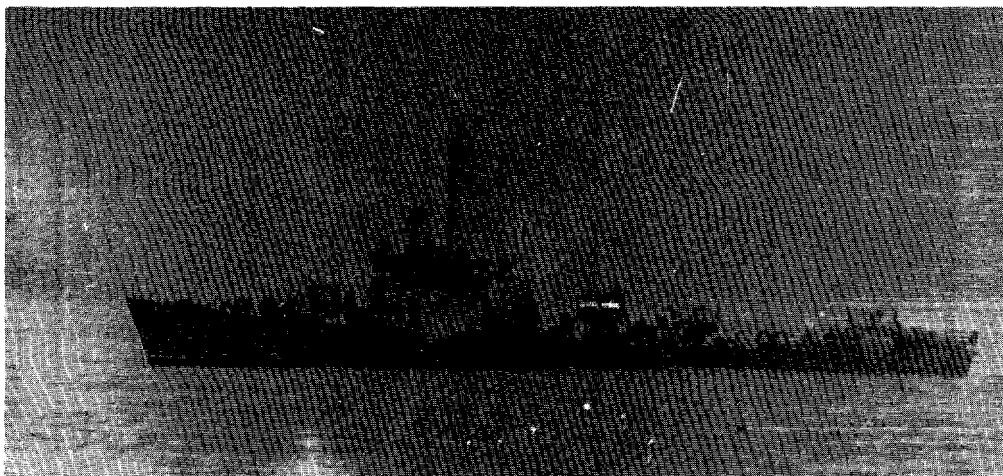
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FIGURE 6. PREVIOUSLY UNREPORTED TYPE OF YP.



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FIGURE 7. STANDARD K-48-CLASS SC.



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FIGURE 8. MODIFIED K-48-TYPE PGM.

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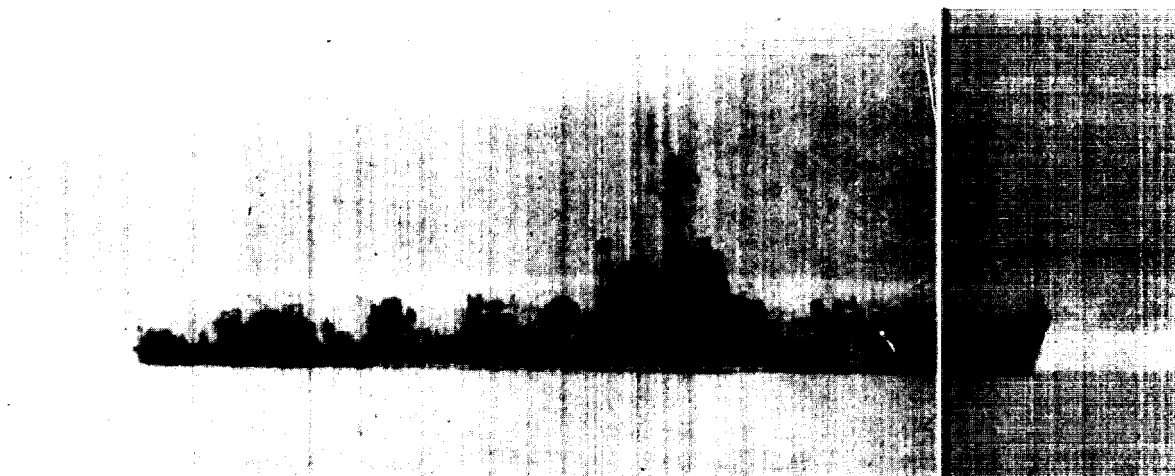


FIGURE 9. 140-FT-CLASS PGM.

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YP. A previously unreported type of YP is shown in Figure 6. The overall length of this vessel is estimated to be 50-60 ft, and the hull appears to be constructed of wood. Armament consists of 1 light automatic weapon forward and 2 aft. This vessel type has not yet been sighted at any naval base or shipyard.

#### Previously Reported Vessels

The following 2 combatants, also described in Reference 1, were identified in [REDACTED] but are included in this report to provide a more comprehensive review of new or modified North Korean West Sea Fleet patrol vessels.

K-48-type PGM. Figure 7 shows the standard configuration of a K-48-class SC. Figure 8 is a K-48-type PGM armed with four 37mm main batteries, 1 forward and 3 aft, but without any evidence of ASW armament. This modified K-48 was first observed on aerial pho-

140-foot-class PGM. This vessel, shown in Figure 9, was first observed at the Sagon-ni Naval Facility (37-49N 125-20E) on [REDACTED] aerial photography and identified on ground photography [REDACTED]. Its armament consists of 1 probable 3.35 inch (85mm)/52 caliber dual-purpose main mount forward, three 37 mm main batteries aft and 2 machine guns mounted atop the deckhouse.

#### Pendant Numbers

The following table lists the Pendant Numbers from each of the above 5 categories as included in Reference 1.

VESSEL	PENDANT NUMBERS
S.O.1-type PGM	224 and 234
P-6-type PGM	471 and 473
YP	1350 and 1351
K-48-type PGM	671 and 675
140-ft-class PGM	672 and 673

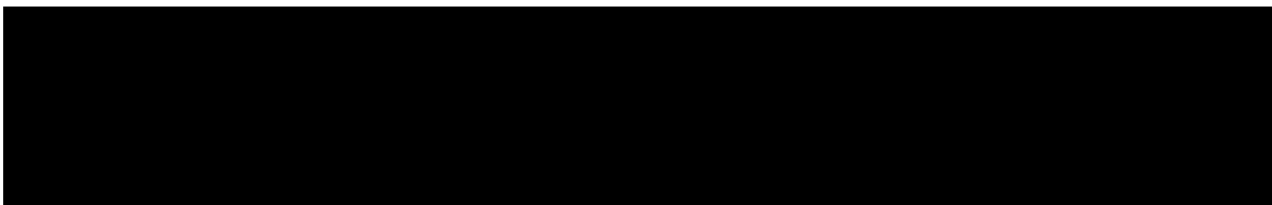
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REFERENCES

PHOTOGRAPHY

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4. CIA. Accession No. 255392, 10 Sep 56 (CONFIDENTIAL/No Foreign Dissem/Continued Control)

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MAPS OR CHARTS

ACIC. US Air Target Chart, Series 200, Sheet 0880-12HL, 2d ed, Jun 63 (SECRET)

NPIC PROJECT

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